

Title (en)

Aqueous coating compositions from polyethylene terephthalate.

Title (de)

Wässrige Beschichtungszusammensetzungen aus Polyethylenterephthalat.

Title (fr)

Compositions aqueuses de revêtement à base de polytéraphtate d'éthylène.

Publication

EP 0558905 A1 19930908

Application

EP 93100990 A 19930122

Priority

US 82461592 A 19920123

Abstract (en)

An aqueous coating composition is prepared from (optionally waste) polyethylene terephthalate. The polyethylene terephthalate is first reacted with an alcohol and then with carboxylic acids or their anhydrides to form a low-molecular-weight polyester with an acid value greater than 30, which is then neutralized with a weak base and added to water. Preferably ethylenically unsaturated monomers are subsequently polymerized in the presence of this polyester.

IPC 1-7

C08J 11/22; **C09D 167/00**

IPC 8 full level

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CPC (source: EP KR US)

C08J 11/22 (2013.01 - EP US); **C09D 167/00** (2013.01 - EP KR US); **C08J 2367/02** (2013.01 - EP US); **Y02W 30/62** (2015.05 - EP US)

Citation (search report)

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